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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	Bulgaria	REPORT	
SUBJECT	Uch-Tekh Prom Engineering Plant, Sofia (Industrial Engineering Plant for Educational & Technical Instruments)	DATE DISTR.	30 December 1954
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. The Uch-Tekh Prom Engineering Plant (Industrial Engineering Plant for Educational and Technical Instruments), which started operations in 1947, is located in a two-story building at 3 Rabotnicheska Kassa Street (formerly Aleksandur Stamboliyski) in Sofia. Controlled by the Ministry of Culture and Education, it turns out approximately 500 different kinds of instruments for educational use in the subjects of physics, chemistry, mathematics, anatomy, etc., and is the only plant of its kind in Bulgaria.
2. The plant has 19 production departments, of which the following are known:
 - a. Metal processing;
 - b. Wooden goods (Tsekh Dervo Obrabotka);
 - c. Anatomical;
 - d. Chemical;
 - e. Glassware;
 - f. Glass-grinding;
 - g. Bakelite goods;
 - h. Optical;
 - i. Repair Shop for plant equipment;
 - j. Dyeing; and
 - k. Packing.

25X1

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- 2 -

3. The metal processing department, the largest with about 300 workers, produces all parts made of iron and nonferrous metals for the other departments. It has the following equipment:
- 25X1
- a. 10 to 15 old lathes of Bulgarian make;
 - b. Three new 1.5-meter lathes of Italian make;
 - c. A number of new 1-meter automatic lathes of Czech make;
 - d. Three new 2-meter lathes made by Dürzhaven Mashinen Zavod in Sofia;
 - e. Two Swedish milling machines, imported in 1947;
 - f. One German milling machine, imported in 1949;
 - g. One old shaping machine of Bulgarian make;
 - h. One shaping machine bought in Sweden in 1947;
 - i. 10 to 12 old drilling machines of Bulgarian make; and
 - j. One horizontal grinding machine.
4. The optical department, one of the most important in the plant, produces mainly microscopes, magnifying glasses, and electrical thermostats. The microscopes are of two types, monocular microscopes with a magnifying power of 100, and binocular microscopes with a magnifying power of 400. The lenses for the monocular microscopes are made in Bulgaria; those used for the binocular microscopes are imported from the Zeiss plant in East Germany. The aluminum, bakelite and other component parts of the microscopes are manufactured in other departments of the plant. Part of the raw material for these parts is Bulgarian and part is imported, mainly from the Soviet Union. The yearly output of microscopes is between 600 and 700. Three types of magnifying glasses are produced, which magnify six, 12 or 24 times. The lenses are imported. Yearly output of these glasses is between 7,000 and 8,000. About 15 electrical thermostats of various sizes are turned out per month.
5. The wooden goods department, the second largest, with 200 employees, produces rulers, triangles, measuring instruments, furniture for kindergartens and laboratories of schools, etc.
6. The anatomical department produces plaster models of parts of the human body and of animals.
7. The chemical department produces chemical substances for the laboratories of schools.
8. The glassware shop produces glasswares required by school laboratories.
9. The plant employs approximately 450 men and 250 women. It has an administrative staff of approximately 50 persons, ten of whom are engineers and two are chemists.
10. personalities at the plant: 25X1
- a. Ivan Raychev, general manager of the plant 25X1
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 - b. Markov (fnu), technical manager of the plant 25X1
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